

SECTION - B
SHORT QUESTION

- Q. (2) What is Physics? Name of few branches of Physics.
- Q. (3) What are fundamental and derived units?
- Q. (4) A body starting from rest acquires a velocity of 10 m/s in 5 seconds. Calculate the distance covered by the body in 5 seconds.
- Q. (5) How can a vector be represented in magnitude and direction both?
- Q. (6) Define centre of gravity. How would you locate the centre of gravity of an irregular plate of a metal sheet?
- Q. (7) What is centripetal force? Give examples of a body moving in circular path.
- Q. (8) A box is pushed 5 m across a level surface by a horizontal force of 200 N. how much work is done on the box?
- Q. (9) What is an inclined plane and how does it help in doing work?
- Q. (10) What is atmospheric pressure? How will you measure it?
- Q. (11) A car of mass 1000 kg traveling at 72 km/h is uniformly brought to rest over a distance of 40 m. find the average acceleration.
- Q. (12) How is rainbow formed?
- Q. (13) What do you understand by capacitor and its capacitance. Define its unit.